

Recombinant Full Length Rat Elongation Of Very Long Chain Fatty Acids Protein 5(Elov15) Protein, His-Tagged

Cat. No. RFL3583RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Elongation of very long chain fatty acids protein 5(Elov15) Protein (Q920L7) (1-299aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-299)
Form	Lyophilized powder
AA Sequence	MEHFDASLSTYFRALLGPRDTRVKGWFLLDNYIPTFVCSAIYLLIVWLGP KYMKNRQ PFS CRGILVVYNLGLTLLSLYMFYELVTGVWEGKYNFFCQGTRSAGESDMKVIRVL WWYYFSK LIEFMDTFFFILRKNNHQITVLHVYHHATMLNIWWFVMNWWPCGHSYFG ATLNSFIHVLM YSYYGLSSVPSMRPYLWWKKYITQGQLVQFVLTIIQTSCGVIWPCS FPLGWLYFQIGYMI SLIALFTNFYIQTYNKKGASRRKEHLKGHQNGSMTAVNGHTNN FASLENSVTSRKQRKD
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	Elov15
Synonyms	Elov15; Elongation of very long chain fatty acids protein 5; 3-keto acyl-CoA synthase Elov15; ELOVL fatty acid elongase 5; ELOVL FA elongase 5; Fatty acid elongase 1; rELO1; Very long chain 3-ketoacyl-CoA synthase 5; Very long chain 3-oxoacyl-CoA synthase
UniProt ID	Q920L7